

L Number	Hits	Search Text	DB	Time stamp
1	1	("5638097").PN.	USPAT; US-PGPUB	2003/07/21 15:40
2	15	"ink level" same ("turn off" or "shut down" or "cease printing" or "end printing")	USPAT; US-PGPUB	2003/07/21 15:43

L Number	Hits	Search Text	DB	Time stamp
1	209	ricoh.as. and piezoelectric and 347/\$.ccls.	USPAT; EPO; JPO; DERWENT USPAT;	2003/07/21 13:25
2	35	(ricoh.as. and piezoelectric and 347/\$.ccls.) and 347/7-14.cccls.	EPO; JPO; DERWENT	2003/07/21 13:29
3	671	(347/7).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/07/21 14:41
4	0	347/7.cccls. and piezoelectric and (ink near2 level)	EPO; JPO; DERWENT	2003/07/21 14:41
5	4	347/7.cccls. and piezoelectric	EPO; JPO; DERWENT	2003/07/21 14:48
6	15	347/14.cccls. and piezoelectric	EPO; JPO; DERWENT	2003/07/21 14:49
7	204	347/14.cccls. and piezoelectric	USPAT; US-PGPUB	2003/07/21 14:54
8	783	(347/14).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/07/21 14:55
9	783	(347/14).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/07/21 14:55
10	702	(347/14).CCLS.	USPAT; EPO; JPO; DERWENT	2003/07/21 14:55

WEST Search History

DATE: Monday, July 21, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u> result set	<u>Set Name</u>
DB=JPAB,EPAB,DWPI;	PLUR=YES; OP=OR		
L1	JP-56039414-\$ did.	1	L1

END OF SEARCH HISTORY

WEST **Generate Collection**

L1: Entry 1 of 1

File: JPAB

Apr 15, 1981

PUB-N0: JP356039414A

DOCUMENT-IDENTIFIER: JP 56039414 A

TITLE: INK DETECTOR FOR INK JET RECORDER

PUBN-DATE: April 15, 1981

INVENTOR-INFORMATION:

NAME COUNTRY

OOTA, SHUICHI

US-CL-CURRENT: 347/7

INT-CL (IPC): G01D 15/18; B41J 3/04